

IN THE CLAIMS

1-15. Canceled

16. (Currently Amended) A method for manufacturing a body of revolution comprising:
first-introducing at least one a-first heated composite strip formed of intimately mingled continuous strands formed of glass filaments and filaments of organic thermoplastic into at least one die;

simultaneously feeding second-introducing at least one molten material simultaneously with the first-introducing into the die in contact with the first composite strip;
to obtain at least one second composite strip, said second composite strip being formed of said second material reinforced with said at least one first composite strip; and

winding the second composite strip around a support rotating about its axis,
wherein an amount of molten material deposited on one side of said first strip is greater than an amount of molten material deposited on a second side of said first strip, resulting in an off-centering of said reinforcing material within said second composite strip.

17. Canceled

18. (Previously Presented) The method as claimed in claim 16, wherein the first strip has a void volumetric ratio of less than 5%.

19. (Previously Presented) The method as claimed in claim 16, wherein the first strip is obtained by assembling continuous composite strands in parallel into at least one layer, introducing the at least one layer into a region where it is heated to a temperature at least meeting a melting point of the first thermoplastic, then by passing the at least one layer of heated strands through an impregnation device to homogeneously distribute the molten first thermoplastic and impregnate the reinforcing fibers therewith.

20. (Previously Presented) The method as claimed in claim 16, wherein the first strip is heated to and/or kept at a temperature as far as the die or as far as a mechanism for winding the second strip.

21. (Previously Presented) The method as claimed in claim 16, wherein the second strip has a reinforcing material content of between 0 and 60 wt % of the strip over at least a certain part of its length, the content being variable along the length of the strip.

22. (Previously Presented) The method as claimed in claim 16, wherein the second material is introduced into the die after conditioned by an extrusion device.

23.-30. Canceled

31. (Previously Presented) The method as claimed in claim 16, wherein the second composite strip is wound around the support without additional heating of the wound strip.

32. (Previously Presented) The method as claimed in claim 16, wherein the second composite strip is wound around the support without applying additional pressure to the wound strip.

33. (Currently Amended) A method for manufacturing a body of revolution, comprising:
heating a first composite strip containing a first wt % amount of reinforcing material;
simultaneously providing the heated first composite strip and a molten material to a die to form a second composite strip containing a second wt % amount of reinforcing material;

varying the amount of molten material provided to the die in-line to vary the second wt % amount of reinforcing material contained in the second composite strip ~~without varying the first amount of reinforcing material contained in the first composite strip~~; and
then depositing the second composite strip around a support rotating about its axis,
wherein said second wt % amount of reinforcing material is varied along the length of said rotating support.

34. (Previously Presented) The method of Claim 33, wherein the second wt % amount of reinforcing material is varied along the length of the second strip.

35. (Previously Presented) The method of Claim 33, wherein the second composite strip is deposited around the support without additional heating of the wound strip.

36. (Previously Presented) The method of Claim 33, wherein the second composite strip is wound around the support without applying additional pressure to the wound strip.

37. (Previously Presented) The method of Claim 33, wherein the die positions the first strip and sizes the cross section of the second strip.

38. (New) A method for manufacturing a body of revolution, comprising:

- heating at least one first composite strip containing a first amount of reinforcing material, said first composite strip being formed of intimately mingled continuous strands formed of glass filaments and organic thermoplastic filaments;

- passing said heated first composite strip through pivotable laying device to position a lay angle of said first composite strip;

- simultaneously providing said heated first composite strip and a molten organic material to at least one sheathing die to form a second composite strip, said second composite strip comprising organic material formed from said organic thermoplastic filaments and said molten organic material reinforced with said glass filaments;

- winding said second composite strip around a support rotating about its axis,

- wherein said molten material reduces the ratio of said glass filaments to said organic material in said second composite strip and permits said winding of said second composite strip around said support without additional heating or additional pressure.

39. (New) The method of claim 38, further comprising:

- varying the amount of molten material provided to said die in-line to vary the wt % amount of reinforcing material contained in said second composite strip.

40. (New) The method of claim 38, wherein an amount of molten material deposited on one side of said first composite strip is greater than an amount of molten material deposited on a second side of said first composite strip, resulting in an off-centering of said reinforcing material within said second composite strip.

41. (New) The method of claim 40, wherein said first composite strip has a void volumetric ratio of less than 5%.
42. (New) The method of claim 40, wherein a thickness of said body of revolution varies along a length of said body of revolution.
43. (New) The method of claim 38, wherein said molten material is introduced into said die after being conditioned by an extrusion device, said molten material containing additives to confer a desired property or properties to said body of revolution.
44. (New) The method of claim 38, wherein a plurality of said first composite strips and a plurality of said sheathing dies are utilized to form a said second composite strip.